

**TEST DATA**

**Emissions Unit: Diesel Generator No.1**

Number of Test Runs 3  
Traverse Points 1

|                                                                          | <u>Run 1</u> | <u>Run 2</u> | <u>Run 3</u> | <u>Average</u> |
|--------------------------------------------------------------------------|--------------|--------------|--------------|----------------|
| Air Percent by Volume Oxygen in Stack Gas (Dry Basis) (%O <sub>2</sub> ) | 12.595       | 12.172       | 12.287       | 12.351         |
| Published F-Factor at 0% Oxygen and 68°F (Fd) (dscf/million BTU)         | 9190         | 9190         | 9190         |                |
| Fuel Used                                                                | 167.3        | 171.7        | 167.4        | 168.80         |
| Run Duration                                                             | 60           | 60           | 60           | 60.00          |
| Fuel Feed Rate                                                           | 167.3        | 171.7        | 167.4        | 168.80         |
| Heat Input                                                               | 23.3         | 23.9         | 23.3         | 23.53          |

**Emission Results**

|                                                                              |       |       |       |       |
|------------------------------------------------------------------------------|-------|-------|-------|-------|
| Average NO <sub>x</sub> Mass Emission Rate (as NO <sub>2</sub> ), (lb/hr)    | 80.06 | 78.80 | 80.21 | 79.69 |
| Average NO <sub>x</sub> Mass Emission Rate (as NO <sub>2</sub> ), (lb/MMBtu) | 3.43  | 3.29  | 3.44  | 3.39  |
| Average Effluent O <sub>2</sub> Concentration, dry basis (%-dry)             | 12.60 | 12.17 | 12.29 | 12.35 |
| Average Effluent NO <sub>x</sub> Concentration, dry basis (ppmv)             | 1244  | 1254  | 1291  | 1263  |

TEST DATA

Number of Test Runs 3  
 Traverse Points 16

|                                                                      | Run 1  | Run 2  | Run 3  | Average |
|----------------------------------------------------------------------|--------|--------|--------|---------|
| Air Percent by Volume Carbon Dioxide in Stack Gas (Dry Basis) (%CO2) |        |        |        | #DIV/0! |
| Air Percent by Volume Oxygen in Stack Gas (Dry Basis) (%O2)          | 12.604 | #NAME? | #NAME? | #NAME?  |
| Air Percent by Volume Nitrogen in Stack Gas (Dry Basis) (%N2)        |        |        |        | #DIV/0! |
| Published F-Factor at 0% Oxygen and 68°F (Fd) (dscf/million BTU)     | 9190   | 9190   | 9190   | 9190    |
| Fuel Used                                                            | 168.3  |        |        |         |
| Run Duration                                                         | 60     | 60     | 60     |         |
| Fuel Feed Rate                                                       | 168.3  | 0.0    | 0.0    |         |
| Heat Input                                                           | 23.5   | 0.0    | 0.0    |         |

Emission Results

|                                                                  |       |        |        |        |
|------------------------------------------------------------------|-------|--------|--------|--------|
| Average NOx Mass Emission Rate (as NO <sub>2</sub> ), (lb/hr)    | 78.37 | #NAME? | #NAME? | #NAME? |
| Average NOx Mass Emission Rate (as NO <sub>2</sub> ), (lb/MMBtu) | 3.34  | #NAME? | #NAME? | #NAME? |
| Average Effluent O <sub>2</sub> Concentration, dry basis (%-dry) | 12.60 | #NAME? | #NAME? | #NAME? |
| Average Effluent NOx Concentration, dry basis (ppmv)             | 1209  | #NAME? | #NAME? | #NAME? |